

**KINGSTONE, Australia****Annual Climatic Design Data (1997–2019)**

| Latitude | Longitude | Elevation m | Standard Station<br>Pressure kPa | Winter<br>Temperature °C | Summer<br>Temperature °C | Extreme Wind<br>Speed m/s | Extreme Wind<br>Direction |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 35.7114S | 137.5231E | 7           | 101.24                           | 1.5                      | 34.1                     | 11.0                      | SSW                       |

**Monthly Winds (1997–2019)**

|                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM                     | 4   | 5   | 8   | 14  | 16  | 19  | 15  | 15  | 14  | 11  | 8   | 6   |
| <b>Prevailing Wind #1</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | SSE | SSE | SSE | WSW | W   | N   | W   | W   | W   | W   | SSE | SSE |
| %OCC                      | 21  | 21  | 14  | 9   | 11  | 10  | 12  | 12  | 12  | 9   | 13  | 15  |
| AVG m/s                   | 6.4 | 6.3 | 5.6 | 3.3 | 3.9 | 4.9 | 4.5 | 4.5 | 4.7 | 4.4 | 5.7 | 5.9 |
| MED m/s                   | 6.3 | 6.4 | 5.7 | 2.7 | 3.5 | 4.8 | 4.2 | 4.1 | 4.3 | 3.9 | 5.8 | 5.9 |
| <b>Prevailing Wind #2</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | SE  | SE  | SE  | W   | WSW | W   | N   | WNW | WNW | SSW | SSW | SSW |
| %OCC                      | 16  | 17  | 12  | 8   | 9   | 10  | 11  | 9   | 10  | 9   | 11  | 12  |
| AVG m/s                   | 6.6 | 6.4 | 5.8 | 3.5 | 3.8 | 4.1 | 4.9 | 4.7 | 5.4 | 5.1 | 5.2 | 5.5 |
| MED m/s                   | 6.5 | 6.5 | 5.8 | 3.0 | 3.0 | 3.7 | 4.8 | 4.1 | 4.9 | 4.8 | 4.9 | 5.2 |
| <b>Prevailing Wind #3</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | S   | S   | SSW | SSW | WNW | NNW | NNW | N   | WSW | WSW | SE  | S   |
| %OCC                      | 12  | 13  | 10  | 8   | 8   | 9   | 11  | 9   | 9   | 8   | 11  | 11  |
| AVG m/s                   | 5.5 | 5.2 | 4.9 | 4.4 | 4.2 | 5.3 | 5.5 | 4.9 | 4.7 | 4.6 | 5.6 | 5.2 |
| MED m/s                   | 5.4 | 5.0 | 4.6 | 3.9 | 3.7 | 5.3 | 5.5 | 4.8 | 4.2 | 4.0 | 5.7 | 5.0 |
| <b>Prevailing Wind #4</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| DIR                       | SSW | SSW | S   | SW  | N   | WSW | NW  | WSW | NNE | WNW | S   | SE  |
| %OCC                      | 12  | 12  | 10  | 8   | 7   | 8   | 9   | 9   | 7   | 8   | 10  | 11  |
| AVG m/s                   | 5.8 | 5.2 | 4.7 | 3.7 | 4.6 | 3.9 | 5.4 | 4.4 | 4.7 | 5.2 | 5.2 | 5.7 |
| MED m/s                   | 5.5 | 4.8 | 4.5 | 3.0 | 4.5 | 3.2 | 5.0 | 3.8 | 4.8 | 4.5 | 5.0 | 5.7 |